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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A process for purification of an acrylic acid family, which is a process for distillation purification of the acrylic acid family,

with the process comprising the steps of supplying liquid from a distillation column to at least two reboilers and returning a heat-boiled vapor from said at least two reboilers to the distillation column,

with the process comprising the step of selecting An apparatus for purification of an acrylic acid family, which is an apparatus for distillation purification of the acrylic acid family encompassing acrylic acid and its esters, and comprises+ with said apparatus comprising:

[[a]] said distillation column to which a liquid containing the acrylic acid family is supplied, and from the column top of which a vapor is retrieved, and from the column bottom of which a liquid is retrieved, wherein an outer diameter of the distillation column is in a range of 2 to 6 m, a height of the distillation column is in a range of 2 to 40 m, and a capacity of the distillation column is in a range of 0.5 to 100 m³;

a condenser which is connected to the column top side of the distillation column, and to which the vapor having been retrieved from the distillation column is supplied, and which condenses the supplied vapor and then refluxes a portion of the resultant condensate to the distillation column, and from which the residual condensate is retrieved; and

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~~a reboiler which is~~ said at least two reboilers, with
said at least two reboilers being connected to the column
bottom side of the distillation column, and to which the
liquid in the distillation column is supplied, and which
heat-boils the supplied liquid and then returns it to the
distillation column;

~~wherein the reboiler is set in a number of at least two~~
said at least two reboilers are set in parallel to the
distillation column in order to prevent channeling of the
liquid or vapor in the distillation column, thus preventing
formation and adhesion of polymer and clogging caused
therefrom in the distillation column and ~~the~~ said at least
two reboilers.

2. (currently amended) ~~An apparatus~~ A process for
purification of an acrylic acid family according to claim 1,
wherein the condenser is disposed in a number of at least
two in parallel to the distillation column.

3. (currently amended) ~~An apparatus~~ A process for
purification of an acrylic acid family according to claim 1,
wherein said at least two reboilers are connected to
the column bottom of the distillation column in such a way
that pressure drops caused when the liquid passes from the
column bottom to ~~the~~ said at least two reboilers are equal
in order to avoid a problem of liquid, being retrieved from
the distillation column, having a bias toward a specific
reboiler.

4. (currently amended) ~~An apparatus~~ A process for
purification of an acrylic acid family according to claim 1,
wherein the liquid-retrieving pipes, through which ~~the~~
said at least two reboilers and the distillation column are

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connected to each other, are equal or symmetrical with respect to the distillation column as a center.

5. (currently amended) ~~An apparatus~~ A process for purification of an acrylic acid family according to claim 1, wherein said at least two reboilers are connected to the distillation column in such a way that pressure drops caused when the liquid passes from ~~the~~ said at least two reboilers to the distillation column are equal in order to well disperse gas into the distillation column.

6. (currently amended) ~~An apparatus~~ A process for purification of an acrylic acid family according to claim 1, wherein vapor-returning pipes are equipped separately to individual reboilers.

7. (currently amended) ~~An apparatus~~ A process for purification of an acrylic acid family according to claim 1, wherein positions of connections of vapor-returning pipes from ~~the~~ said at least two reboilers to the distillation column are disposed symmetrically as to the distillation column.

8. (canceled).